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EPL-LEDP405

Intrinsically Safe LED Penlight - 50 Lumens - 13.75 Hr. Runtime - C1D1 & C2D1 - (3) AAAA Batteries

Product ID: 45354



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPL-LEDP405 Explosion Proof Compact LED Pen Light
Lamp Type: LED
Dimensions: 6.8"L x 0.6" Head Diameter, 0.5" Handle Diameter
LED Life Expectancy: 50,000 Hours
Operation: Momentary Flash or Constant On
Lumens: 50
Weight: 1.5 oz With Batteries
Power: 3 "AAAA" Alkaline Batteries
Run Time: 13.75 Hrs Continuous
Candela: 161
Beam Length: 50 Meters (164 Feet)
Waterproof Rating: IP67
Ambient Operating Temperature: -20°C to +40°C
Temperature Rating: T3
Housing Material: Engineered Polymer
Housing Color: High-Vis Green
Mounting: Built-In Belt/Pocket Clip

Ratings/Approvals
Listed United States, Canada, IECEx, ATEX
Class I Division 1 Groups A, B, C and D
Class II Division 1 Groups E, F and G
Class III Division 1 Groups E, F and G
Class I, Zone 0, AEx ia IIC T3 Ga
Class I, Zone 0, Ex ia IIC T3 Ga
ATEX I M 1 Ex ia op is I Ma
ATEX II 1 G Ex ia op is IIC T3 Ga
IECEx Ex ia op is I MA
IECEx Ex ia op is IIC T3 Ga

Special Orders- Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-LEDP405 from Larson Electronics is an Intrinsically Safe LED Pen Light that can run for up to 13.75 hours continuously and outperforms similar penlights with a 50 lumen light output and a beam reaching 164 feet (50 meters) in length. The bright green housing of this pen light offers great visibility and an additional layer of safety.

This LED pen light produces 50 lumens and can run for up to 13.75 hours continuously on a single set of 3 AAAA batteries. This light is rated for Class I

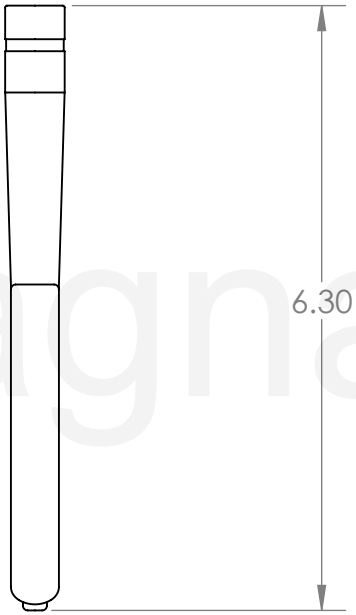
Division 1 Groups A, B, C and D, Class II Division 1 Groups E, F and G and Class III Division 1 Groups E, F and G hazardous areas. This light features a compact size and long run time that gives operators in hazardous locations a ready source of light any time it is needed. This compact penlight includes a durable pocket clip for easy carrying in any shirt pocket.

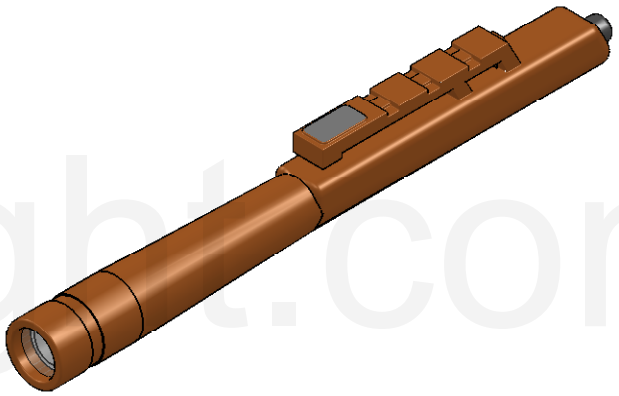


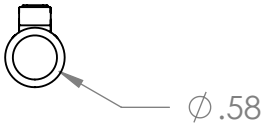
Click Photo to Enlarge

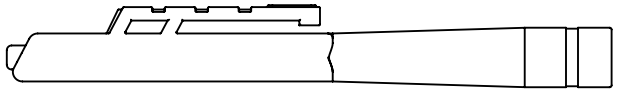
LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.
LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.
Power for this pen light comes from 3 "AAAA" alkaline batteries and the high intensity LED produces 50 lumens resulting in a light beam up to 164 feet long. This explosion proof penlight carries an IP67 waterproof tested to 1 meter and a drop test rating of 2 meters.
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		
			CHECKED		
			ENG APPR.		
			MFG APPR.		
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
		MATERIAL	COMMENTS:		
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

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TITLE:

EPL-LEDP405

SIZE	DWG. NO.	REV
A	EPL-LEDP405	A

SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

5 4 3 2 1









Frequently Asked Questions (FAQ)